IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Group Art Unit:

3742

Jack W. Shirlin et al.

Examiner:

Leonid M. Fastovsky

Serial No.:

10/658,657

Filed:

September 9, 2003

For:

HEATING ELEMENTS DEPOSITED ON

A SUBSTRATE AND RELATED METHOD

Attorney Docket No.: KLAI 0101 PUS

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT AND FEE UNDER 37 C.F.R. § 1.97(c) AND § 1.17(p)

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Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or PTO/SB08B are being submitted herewith for consideration by the Examiner. This Statement is being filed in accordance with 37 C.F.R. § 1.97(c), i.e., after the mailing date of a first Office Action on the merits but before the mailing of a final action or a notice of allowance, and includes the fee of \$180.00 as set forth under 37 C.F.R. § 1.17(p).

09/15/2004 BABRAHA1 00000029 10658657

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## CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

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Atty Dkt No. KLAI 0101 PUS S/N: 10/658,657

While this Statement is being filed in compliance with the duty of disclosure,

citation of the attached references is not to be construed as an admission that any of the

references are "material" as defined under 37 C.F.R. § 1.56(b).

If the filing date of this application is on or before June 30, 2003, a copy of each

reference listed on the attached Forms PTO/SB08A and/or SB08B is included herewith. If this

application was filed after June 30, 2003, copies of any cited U.S. patent/application references

have not been included. Consideration and entry into the record of these references is

respectfully requested.

Respectfully submitted,

Jack W. Shirlin et al.

Reg. No. 47,010

Attorney/Agent for Applicant

Date: 9 - 10 - 04

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Complete if Known Substitute for Form 1449A/PTO 10/658,657 **Application Number** INFORMATION DISCLOSURE September 9, 2003 Filing Date STATEMENT BY APPLICANT **First Named Inventor** Jack W. Shirlin et al. **Group Art Unit** 3742 (use as many sheets as necessary) Leonid M. Fastovsky Examiner Name 6 KLAI 0101 PUS 1 of **Attorney Docket Number** 

				U.S. PATENT DO	CUMENTS	
Examiner Initials	Cite No.1	U.S. PATENT Do	OCUMENT Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		3,700,754		Schmitt et al.	10/24/1972	
		3,953,643		Cheung et al.	04/27/1976	
		3,968,056		Bolon et al.	07/06/1976	
		3,988,647		Bolon et al.	10/26/1976	
		4,049,844		Bolon et al.	09/20/1977	
		4,088,801		Bolon et al.	05/09/1978	
		4,113,894		Koch, II	09/12/1978	
		4,187,340		Oishi et al.	02/05/1980	
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		RE30,274		Bolon et al.	05/13/1980	
		4,256,591		Yamamoto et al.	03/17/1981	
		4,271,212		Stengle	06/02/1981	
		4,338,376		Kritzler	07/06/1982	•
		4,391,858		Batzill	07/05/1983	
		RE31,411		Bolon et al.	10/11/1983	
		4,420,500		Nakatani et al.	12/13/1983	
		4,439,494		Olson	03/27/1984	
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			F	OREIGN	PATENT DOCUMENT	S		
			Foreign Patent Docu	ment		Date of Publication	Pages, Columns, Lines, Where Relevant Passages	
Examiner Initials	Cite No.1	Offic	e <sup>3</sup> Number <sup>4</sup>	Kind Code⁵ ( <i>if known</i> )	Name of Patentee or Applicant of Cited Document	of Cited Document  MM-DD-YYYY	or Relevant Figures Appear	
		GB	1 550 382		Rohm & Haas Co.	08/15/1979		
		EP	0 081 323 A1		Johnson Matthey PLC	06/15/1983		
		EP	0 530 141 A1		Ciba-Geigy AG	03/03/1993		
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		EP	0 711 801 A2		Dow Corning Corp.	05/15/1996		
		WO	97/31051		Dymax Corporation	08/28/1997		
		WO	97/45458		UV Coatings Limited	12/04/1997		
		EР	0 820 217 A1.		EI Du Pont De Nemours	01/21/1998		
		WO	98/47954		DSM N.V.	10/29/1998		

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for	Form 1449A/PTO			Complete if Known			
				Application Number	10/658,657		
	RMATION			Filing Date	September 9, 2003		
STATI	EMENT B	Y APP	LICANT	First Named Inventor	Jack W. Shirlin et al.		
				Group Art Unit	3742		
(	use as many sh	eets as nece	essary)	Examiner Name	Leonid M. Fastovsky		
Sheet	Sheet 2 of 6		Attorney Docket Number	KLAI 0101 PUS			

			U.S. PATENT DOCU	JMENTS	
Examine r Initials	Cite No.1	U.S. PATENT DOCUMENT  Kind Code <sup>2</sup> Number ( <i>if known</i> )	•	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,495,042	Hayase et al.	01/22/1985	
		4,496,475	Abrams	01/29/1985	
	,	4,513,023	Wary	04/23/1985	
		4,533,445	Orio	08/16/1985	
		4,539,258	Panush	09/03/1985	
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		4,822,646	Clark et al.	04/18/1989	
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		4,877,512	Bowns et al.	10/31/1989	·

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			Foreign Patent Document			Pages, Columns, Lines, Where Relevant Passages or	
Examine r Initials	Cite No. <sup>1</sup>	Office	Kind Code <sup>5</sup> a Number 4 ( <i>if known</i> )	, ,	Date of Publication of Cited Document MM-DD-YYYY	Relevant Figures Appear	Т8
		WO	98/50317	DSM N.V.	11/12/1998		
		DE	198 35 917 A1	BASF AG	02/10/2000		
		WO	00/62586	Allied Photochemical	10/19/2000		
		JP	61203108A (Abstract)	Toyobo KK	09/09/1986		Y
		JP	6016721A (Abstract)	Nippon Kayaku KK	01/25/1994		Y
		JP	5311103A (Abstract)	Tanaka Kikinzoku	11/22/1993		Y
		JP	4267097A (Abstract)	Mitsui Toatsu Chem	09/22/1992		Y
		JP	5279436A (Abstract)	Japan Synthetic Rubber Co.	10/26/1993		Y

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Substitute fo	r Form 1449A/PTO			Complete if Known			
				Application Number	10/658,657		
	RMATION D	-		Filing Date	September 9, 2003		
SIAII	EMENT BY	APP	LICANI	First Named Inventor	Jack W. Shirlin et al.		
				Group Art Unit	3742		
	(use as many sheet	s as nece	essary)	Examiner Name	Leonid M. Fastovsky		
Sheet	3	of	6	Attorney Docket Number	KLAI 0101 PUS		

				U.S. PATENT DO	CUMENTS	
Examiner Initials	Cite No.1	U.S. PATENT D	OCUMENT  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,900,763		Kraushaar	02/13/1990	
·		4,911,796		Reed	03/27/1990	
		4,959,178		Frentzel et al.	09/25/1990	
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"		5,049,480		Nebe et al.	09/17/1991	
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Examiner			Foreign Patent D	Kind Code⁵	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant							
Initials*	No. <sup>1</sup>	Office	Number 4	(if known)	Applicant of Cited Document	MM-DD-YYYY	Figures Appear							
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for Form 1449A/PTO 10/658,657 **Application Number** INFORMATION DISCLOSURE September 9, 2003 Filing Date STATEMENT BY APPLICANT **First Named Inventor** Jack W. Shirlin et al. **Group Art Unit** 3742 (use as many sheets as necessary) Leonid M. Fastovsky **Examiner Name** 4 6 KLAI 0101 PUS of Sheet Attorney Docket Number

				U.S. PATENT DOCL	JMENTS	
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		5,462,701		Hagemeyer et al.	10/31/1995	
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		5,596,024		Horie et al.	01/21/1997	

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Examiner Initials	Cite No.1	Office	<sup>3</sup> Number <sup>4</sup>	(if known)	Applicant of Cited Document	MM-DD-YYYY	Figures Appear	
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(use as many sheets as necessary)		Examiner Name	Leonid M. Fastovsky		
Sheet	5	of	6	Attorney Docket Number	KLAI 0101 PUS

				U.S. PATENT DO	CUMENTS	
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		5,609,918		Yamaguchi et al.	03/11/1997	
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:		5,866,628		Likavec et al.	02/02/1999	
		5,871,827		Jaffe et al.	02/16/1999	
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	5,888,119			Christianson et al	03/30/1999	
		5,914,162		Bilkadi	06/22/1999	<u> </u>
		5,942,284		Hiskes et al.	08/24/1999	
		5,945,502		Hsieh et al.	08/31/1999	

				FOREIGN P	ATENT DOCUMEN	ITS		
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(use as many sheets as necessary)				Examiner Name	Leonid M. Fastovsky	
Sheet	6	of	6	Attorney Docket Number	KLAI 0101 PUS	

			· · ·	U.S. PATENT DO	CUMENTS	
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		5,950,808		Tanabe et al.	09/14/1999	
		5,968,996		Sanchez et al.	10/19/1999	
		5,994,424		Safta et al.	11/30/1999	
		6,054,501		Taniguchi et al.	04/25/2000	
		6,165,386		Endo et al.	12/26/2000	
		6,211,262		Mejiritski et al.	04/03/2001	
		6,261,645		Betz et al.	07/17/2001	
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			Foreign Patent Doo			Date of Publication	Pages, Columns, Lines, Where Relevant	
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